

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of the claims in the above-captioned patent application:

Listing of Claims:

Claim 1 (Currently Amended): A heat exchanger comprising:

a heat exchange core;
an introduction tank attached to said heat exchange core for introducing a heat transfer medium into said heat exchange core; and
a discharge tank attached to said heat exchange core for receiving said heat transfer medium discharged from said heat exchange core,
wherein said introduction tank is formed of a first material, said discharge tank is formed of a second material, ~~and a heat conductivity of a first material is greater than a heat conductivity of a second material,~~ and a specific gravity of a first material is less than a specific gravity of a second material.

Claim 2 (Original): The heat exchanger of claim 1, wherein said introduction tank and said discharge tank are attached to said heat exchange core at ends of said heat exchange core opposite to each other.

Claim 3 (Canceled).

Claim 4 (Canceled).

Claim 5 (Original): The heat exchanger of claim 1, wherein at least one of said introduction tank and said discharge tank is made of a resin.

Claim 6 (Original): The heat exchanger of claim 5, wherein said resin is a polyamide.

Claim 7 (Original): The heat exchanger of claim 6, wherein said polyamide is an aliphatic polyamide.

Claim 8 (Original): The heat exchanger of claim 5, wherein said resin further comprises an inorganic material.

Claim 9 (Original): The heat exchanger of claim 8, wherein said inorganic material is a glass fiber.

Claim 10 (Previously Presented): The heat exchanger of claim 1, wherein said heat exchange core comprises a plurality of heat transfer tubes and fins, which are stacked alternately.

Claim 11 (Original): The heat exchanger of claim 1, wherein said heat exchanger is an intercooler, and said heat transfer medium is charged gas from a turbo-charger or a supercharger.